

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/S91,355
Source: TEWP
Date Processed by STIC: 9/18/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , **EFS Submission User Manual - ePAVE**)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

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Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/591,355

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ **Wrapped Nucleics
Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ☐ **Misaligned Amino
Numbering** The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 ☐ **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ **Variable Length** Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ **PatentIn 2.0
"bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 ☐ **Skipped Sequences
(OLD RULES)** Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ **Skipped Sequences
(NEW RULES)** Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 ☐ **Use of n's or Xaa's
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☐ **Invalid <213>
Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☒ **Use of <220>** Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ **PatentIn 2.0
"bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 ☐ **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

RAW SEQUENCE LISTING

DATE: 09/18/2006

PATENT APPLICATION: US/10/591,355

TIME: 15:16:16

Input Set : A:\ERA-105 SEQUENCES.ST25.txt

Output Set: N:\CRF4\09182006\J591355.raw

3 <110> APPLICANT: UNIVERSIDAD DE BARCELONA
 5 <120> TITLE OF INVENTION: PEPTIDES AS CELL PENETRATING CARRIERS
 7 <130> FILE REFERENCE: ERA 105
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/591,355
 C--> 9 <141> CURRENT FILING DATE: 2006-08-30
 9 <160> NUMBER OF SEQ ID NOS: 8

11 <170> SOFTWARE: PatentIn version 3.3

13 <210> SEQ ID NO: 1

14 <211> LENGTH: 6

15 <212> TYPE: PRT

16 <213> ORGANISM: ARTIFICIAL SEQUENCE

18 <220> FEATURE:

19 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE

21 <400> SEQUENCE: 1

23 Val His Leu Pro Pro Pro

24 1 5

27 <210> SEQ ID NO: 2

28 <211> LENGTH: 12

29 <212> TYPE: PRT

30 <213> ORGANISM: ARTIFICIAL SEQUENCE

32 <220> FEATURE:

33 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE

35 <400> SEQUENCE: 2

37 Val His Leu Pro Pro Pro Val His Leu Pro Pro Pro

38 1 5 10

41 <210> SEQ ID NO: 3

42 <211> LENGTH: 18

43 <212> TYPE: PRT

44 <213> ORGANISM: ARTIFICIAL SEQUENCE

46 <220> FEATURE:

47 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE

49 <400> SEQUENCE: 3

51 Val His Leu Pro Pro Pro Val His Leu Pro Pro Pro Val His Leu Pro

52 1 5 10 15

55 Pro Pro

59 <210> SEQ ID NO: 4

60 <211> LENGTH: 6

61 <212> TYPE: PRT

62 <213> ORGANISM: ARTIFICIAL SEQUENCE

64 <220> FEATURE:

65 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE

67 <400> SEQUENCE: 4

69 Val Arg Leu Pro Pro Pro

Pls explain source of
 genetic material.
 Does Not Comply
 Corrected Diskette Needed
 (pg. 1-2)

Invalid
 Response

Pls explain source of
 genetic material.

Invalid
 Response

See item

Invalid
 Response #11 on

error
 summary
 sheet.

Invalid
 Response

RAW SEQUENCE LISTING

DATE: 09/18/2006

PATENT APPLICATION: US/10/591,355

TIME: 15:16:16

Input Set : A:\ERA-105 SEQUENCES.ST25.txt

Output Set: N:\CRF4\09182006\J591355.raw

70 1 5
 73 <210> SEQ ID NO: 5
 74 <211> LENGTH: 12
 75 <212> TYPE: PRT
 76 <213> ORGANISM: ARTIFICIAL SEQUENCE
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 81 <400> SEQUENCE: 5
 83 Val Arg Leu Pro Pro Pro Val Arg Leu Pro Pro Pro
 84 1 5 10
 87 <210> SEQ ID NO: 6
 88 <211> LENGTH: 18
 89 <212> TYPE: PRT
 90 <213> ORGANISM: ARTIFICIAL SEQUENCE
 92 <220> FEATURE:
 93 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 95 <400> SEQUENCE: 6
 97 Val Arg Leu Pro Pro Pro Val Arg Leu Pro Pro Pro Val Arg Leu Pro
 98 1 5 10 15
 101 Pro Pro
 105 <210> SEQ ID NO: 7
 106 <211> LENGTH: 9
 107 <212> TYPE: PRT
 108 <213> ORGANISM: ARTIFICIAL SEQUENCE
 110 <220> FEATURE:
 111 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 113 <400> SEQUENCE: 7
 115 Arg Lys Lys Arg Arg Gln Arg Arg Arg
 116 1 5
 119 <210> SEQ ID NO: 8
 120 <211> LENGTH: 16
 121 <212> TYPE: PRT
 122 <213> ORGANISM: ARTIFICIAL SEQUENCE
 124 <220> FEATURE:
 125 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 127 <400> SEQUENCE: 8
 129 Arg Gln Ile Lys Ile Trp Phe Gln ~~Asn~~ Arg Arg Met Lys Trp Lys Lys
 130 1 5 10 15

Same
errorSame
errorSame
errorSame
error

VERIFICATION SUMMARY

DATE: 09/18/2006

PATENT APPLICATION: US/10/591,355

TIME: 15:16:17

Input Set : A:\ERA-105 SEQUENCES.ST25.txt

Output Set: N:\CRF4\09182006\J591355.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date